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DEC Division of Water Quality Wastewater Discharge Program

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) **DISCHARGE MONITORING REPORT (DMR)**

(2-16)AKG 31 5003 015 PERMIT NUMBER DISHCARGE NUMBER

DMR Mailing Zip Code: 99611 MAJOR (SUBR 02) PRODUCED WATER AND SAND

External Outfall

FACILITY: EAST FORELAND

ADDRESS: 52260 WIK RD

LOCATION: 52260 WIK ROAD, KENAI AK 99611

KENAI, AK 99611

ATTN: Ryan Tunseth, EHS&T Coordinator

MONITORING PERIOD YEAR MONTH DAY **FROM** 2010 12 (20-21)(22-23)(24-25)

YEAR MONTH DAY TO 2010 12 31 (26-27)(28-29) (30-31)

No Discharge

PARAMI	ETER		QUANTITY 53) (54-61)	OR LOADII	NG (46-	QUAL (38-45)	TY OR CON (46-53)	ICENTRATIO	N	NO EX.	FREQUENCY	SAMPLE TYPE	(69-70)
(32-3) 5 - Produced Water) FLOW	Sample	Average	Maximum	Units	Minimum		Maximum	Units	(62-63)	OF ANALYSIS (64-68)		
7	Measurement	0.179602703	0.204666	MGD	***	***	***		0	Weekly	Estimate	·	
		Permit Requirement	100	999		***	***	***	***	***	Weekly		CT 10.00
5 - Produced Water RODUCED SAND		Sample Measurement	***	***		No	No	No				Estimate	
		Permit	999	900	***	discharge No	discharge No	discharge No	***	0	***	***	
5 - Produced Water		Requirement Sample	***			discharge	discharge	discharge		400	000	•	
L & GREASE		Measurement Permit		***	***	***	8.675	10	mg/l	0	Weekly	Grab	
5 - Produced Water		Requirement Sample	***	***		***	29	42	g/i	***	Weekly	Grab	
		Measurement Permit	***	***	***	6.4	***	7.26		0	Weekly	Grab	
- Produced Water		Requirement	***	***		6	***	9	SU	***	Weekly	Grab	
H		Sample Measurement	***	***		***	14.09	14.09		0	Monthly		
		Permit Requirement	***	***	***	***	24	32	mg/l		GARGE.	Grab	
- Produced Water		Sample Measurement	***	***		***	14.205				Monthly	Grab	
	ſ	Permit	***	***	***	940		14.205	mg/l 0	0	Monthly	Grab	_
- Produced Water		Requirement Sample	***				Report	Report		***	Monthly	Grab	
TAL AMMONIA		Measurement Permit		***		5.1	5.1	5.1		0	Quarterly	Grab	
ME TITLE PRINCIPAL		Requirement	***	***		Report	***	Report	mg/l	000	Quarterly	Grab	
CUTIVE OFFICER	certify under penalty of I	aw that this documen	t and all all all a							Tele		NAME OF TAXABLE PARTY.	
Ryan Tunseth HSE&T Coordinator	I certify under penalty of law that this document and all attachments were prepared under my din supervision in accordance with a system designed to assure that qualified personnel properly ga evaluate the information submitted. Based on my inquiry of the person or persons who manage t or those persons driectly responsible for gathering the information, the information submitted is, of my knowledge and belief is true, accurate, and complete. I am aware that there are significant for submitting false information, including the possibility of fine and imprisonment for knowing vio					ather and the system, to the best	her and he system, o the best				76-2510	Date (YR/MO/DA)	<u>Y)</u>

Rescreening [Section III.A.2.- Permit # AKG-31-5000] were taken in August-2010. The results were submitted with the August 2010 DMR. No toxicity was observed in any of the samples. Additionally, the sampling frequency for Copper, Manganese, Silver, Total Mercury, and Zinc is reduced in frequency from monthly to quarterly [Section II.G.6.a - Permit # AKG-31-5000] 4th Quarter 2010 sample results are

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME:

XTO ENERGY, INC

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KENAI, AK 99611

ATTN: Ryan Tunseth, EHS&T Coordinator

FACILITY: EAST FORELAND

LOCATION: 52260 WIK ROAD, KENAI AK 99611

(2-16) (17-19)

AKG 31 5003 015

PERMIT NUMBER DISHCARGE NUMBER

DMR Mailing Zip Code: 99611 MAJOR

(SUBR 02)

PRODUCED WATER AND SAND

External Outfall

MONITORING PERIOD

FROM	YEAR	MONTH	DAY
FROM	2010	12	1
	(20-21)	(22-23)	(24-25)

T0	YEAR	MONTH	DAY
то	2010	12	31
	(26-27)	(28-29)	(30-31)

No	Discharge

PARAMETER	₹		53) (54-61		NG (46-	QUALI*	TY OR CON (46-53)	CENTRATIO	ON	NO EX.	FREQUENCY	SAMPLE TYPE (69-70)
(32-37)			Average	Maximum	Units	Minimum	Average	Maximum	Units	(62-63)	OF ANALYSIS	
015 - Produced Water COPPER		Sample Measurement	***	***	***	***	7.1	7.1		0	Quarterly	Grab
		Permit Requirement	***	***		999	60	90	ug/i	***	Quarterly	Grab
015 - Produced Water MERCURY		Sample Measurement	***	***	***	***	0.00	0		0	Quarterly	Grab
045 5		Permit Requirement	***	***		440	0.5	0.8	ug/l	***	Quarterty	Grab
015 - Produced Water MANGANESE		Sample Measurement	***	***	***	***	1.99	1.99	mg/l	0	Quarterly	Grab
		Permit Requirement	400	***		444	7.9	15.8		***	Quarterly	Grab
015 - Produced Water SILVER		Sample Measurement	***	***	***	***	5.20	5.2	ug/l	0	Quarterly	Grab
		Permit Requirement	***	***		***	46	149		***	Quarterly	Grab
015 - Produced Water ZINC		Sample Measurement	***	***	***	***	0.0902	0.0902		0	Quarterly	Grab
		Permit Requirement	***	000	***	000	3.1	6.1	mg/l	***	Quarterly	Grab
015 - Produced Water NET - <i>Mytilus galloprovincialis</i>	(invertibrate)	Sample Measurement	***	***		***	< 625	< 625		0	Semi Annual	Grab
·		Permit Requirement	***	***	***	***	1209	2425	TUc	000	Semi Annual	Grab
NAME TITLE PRINCIPAL EXECUTIVE OFFICER										Til	-1	
Ryan Tunseth ev HSE&T Coordinator or of	I certify under penalty of law that this document and all attachments were prepared under my di supervision in accordance with a system designed to assure that qualified personnel property g evaluate the information submitted. Based on my inquiry of the person or persons who manage or those persons driectly responsible for gathering the information, the information submitted is, of my knowledge and belief is true, accurate, and complete. I am aware that there are significan for submitting false information, including the possibility of fine and imprisonment for knowing vi					gather and the system, to the best	R	Signature		Telephone 907 776-2510		Date (YR/MO/DAY)

Rescreening [Section III.A.2.- Permit # AKG-31-5000] were taken in August-2010. The results were submitted with the August 2010 DMR. No toxicity was observed in any of the samples. Additionally, the shown.

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(2-16)

(17-19)AKG 31 5003 015 PERMIT NUMBER DISHCARGE NUMBER DMR Malling Zip Code: 99611

MAJOR

(SUBR 02)

PRODUCED WATER AND SAND

External Outfall

MONITORING PERIOD

EDOM	YEAR	MONTH	DAY
FROM	2010	12	1
	(20-21)	(22-23)	/24 25)

	YEAR	MONTH	DAY
то	2010	12	31
	(26-27)	(28-29)	(30-31)

No Discharge

PARAME	TER		OR LOADIN	IG (46-		Y OR CON	CENTRATIC	N	NO EX.	FREQUENCY	SAMPLE TYPE (69-70)	
				(38-45)					OF ANALYSIS	100-70	(55 / 5)	
(32-37)		Average	Maximum	Units	Minimum	Average	Maximum	Units	(62-63)	(64-68)		
15 - Produced Water	Sample	***	***		***					-		
NET - Menidia beryllina (nt		***		< 625	< 625		0	Semi Annual	Grab	
	Permit Requirement	it ***	***		***	1209	2425	TUc	***	Semi Annual	Grab	
15 - Produced Water	Sample	***	***		***	< 625	- 005					
WET - Echinoderm	Measureme	nt		***		< 625	< 625	TUc	0	Semi Annual	Grab	
	Permit	***	***		999	1209	2425		***	Comi Assurat		
	Requiremen	t	-			1200	2425			Semi Annual	Grab	
013 - Froduced Water	Sample Measureme	l	1 1									
	Permit	III.										
	Requiremen									100		
015 - Produced Water	Sample										AND VALUE OF THE PARTY OF THE P	
	Measureme	nt	1 1									
	Permit											
	Requiremen		l i									
15 - Produced Water	Sample											-
	Measureme	nt					1					
	Permit									69		A PERMIT
15 - Produced Water	Requiremen									2		
13 - Floduced Water	Sample											
	Measureme Permit	IL .										
	Requiremen											
15 - Produced Water	Sample	-								No. of Concession, Name of Street, or other party of the last of t		
	Measureme	nt	1 1							1		
	Permit											
	Requiremen								TO DO N			
AME TITLE PRINCIPAL		-								Name of Street or other Persons and Street or other Person		-
XECUTIVE OFFICER	1 cartifu under sonalty of law that this de-								Telephone		Date (YR/MO/DA	V۱
	I certify under penalty of law that this do supervision in accordance with a system	ument and all attachme designed to assure the	nts were prepare	ed under my d	lirection or		_				Date (110MO/DA	,
Ryan Tunseth	evaluate the information submitted. Base	d on my inquiry of the c	erson or persons	who manage	the system	(4)						
HSE&T Coordinator	or those persons driectly responsible for	gathering the information	n, the informatio	n submitted is	to the heet	Kun	all		907 7	76-2510	1/19/2011	
	of my knowledge and belief is true, accur for submitting false information, including	ate, and complete. I am the possibility of fine a	aware that there	are significa	nt penalties -	17	Signature					
OMMENTS & EYD! ANATI	ON OF ANY VIOLATIONS: WET	Facilities and the desired and	e amprisonningrit	TO KITOWING V	noiations.		Signature					

ONS: WET Testing sampling frequency is reduced to once/6 months [Section II.G.6.a - Permit # AKG-31-5000] 2nd Period 2010 WET tests & Annual Rescreening [Section III.A.2.- Permit # AKG-31-5000] were taken in August-2010. The results were submitted with the August 2010 DMR. No toxicity was observed in any of the samples. Additionally, the sampling frequency for Copper, Manganese, Silver, Total Mercury, and Zinc is reduced in frequency from monthly to quarterly [Section II.G.6.a - Permit # AKG-31-5000] 4th Quarter 2010 sample results are shown.